

CLAIM AMENDMENTS

1 1. (currently amended) A device for method of measuring
2 and/or establishing sensory disorders ~~especially neuropathies,~~
3 ~~characterized in that at least one device (2) directs comprising~~
4 ~~the steps of:~~

5 directing an air stream [[(10)]] from a device onto a
6 measuring point [[(4)]] on the body of a living organism,
7 especially a person to influence the thermal sensitivity during a
8 measurement process, whereby

9 correlating the thermal sensitivity and/or a change in
10 the thermal sensitivity is correlated with a perceived temperature
11 and [[for]]

12 determining the perceived temperature before and/or
13 during the measurement process by detecting and evaluating at least
14 one parameter of the environment and/or the living organism is
15 detected and evaluated.

1 2. (currently amended) The method according to claim 1
2 ~~characterized in that the measurement is effected with a constant~~
3 wherein the air stream [[(10)]] is constant and a variable spacing
4 between the device [[(2)]] and the measurement point [[(4)]] is
5 varied.

1 3. (currently amended) The device according to claim 1
2 ~~characterized in that the measurement is effected by means of a~~
3 ~~variable wherein the air stream [[(10)]] is varied and [[at]] a~~
4 ~~constant spacing is maintained between the device [[(2)]] and the~~
5 ~~measuring point [[(4)]].~~

1 4. (currently amended) The method according to claim 1
2 ~~characterized in that wherein a spacing between the device and the~~
3 measuring point is determined optically by the device [[and]] by
4 the superimposition of three light beams.

1 5. (currently amended) The method according to claim 1,
2 ~~characterized in that wherein in the determination of the perceived~~
3 temperature at least one of the parameters [[:]] ~~is ambient-air~~
4 temperature, air moisture content, skin temperature or skin
5 moisture ~~is used as an input.~~

1 6. (currently amended) A device for the measurement
2 and/or determination of sensory disorders, especially neuropathies,
3 ~~characterized in that the device has , the device comprising~~
4 ~~means for producing an air stream which is directed and~~
5 ~~directing it against a measuring point on the body of the living~~
6 ~~organism, and has~~
7 an external or internal sensor with which at least one
8 environmental parameter or parameter of the living organism is

9 measurable and which is involved in the determination of determines
10 a perceived temperature at the measuring point.

1 7. (currently amended) The device according to claim 6
2 characterized in that at least one of the parameters wherein the
3 sensor can measure air temperature, air humidity, skin temperature,
4 or skin moisture is measurable by a sensor.

1 8. (currently amended)) The device according to claim 3
2 characterized in that wherein the air stream is variably adjustable
3 or controllable and especially such that an air velocity can be set
4 and/or a volume stream can be adjusted in the determination of to
5 determine the perceived temperature.

1 9. (currently amended) The device according to claim 3,
2 further comprising characterized in that it includes
3 _____ means for determining and/or indicating and/or storing a
4 perceived temperature.

1 10. (currently amended) The device according to claim 3,
2 further comprising characterized in that it includes
3 means for adjusting a desired spacing between the device
4 and the measuring point.

1 11. (currently amended) The device according to claim
2 ~~10, further comprising characterized in that the light sources~~
3 ~~comprise~~

4 light-emitting diodes or laser diodes whose light beams
5 intersect at a predetermined spacing from the device.

1 12. (new) A method of evaluating threshold skin
2 sensitivity comprising the steps of:

3 directing an air stream having a humidity parameter, a
4 spacing parameter, a temperature parameter, and a flow-rate
5 parameter at a skin surface of a subject being tested;

6 monitoring all of the parameters; and

7 changing only one of the parameters while determining
8 from the subject when the air stream starts to be felt or can no
9 longer be felt.